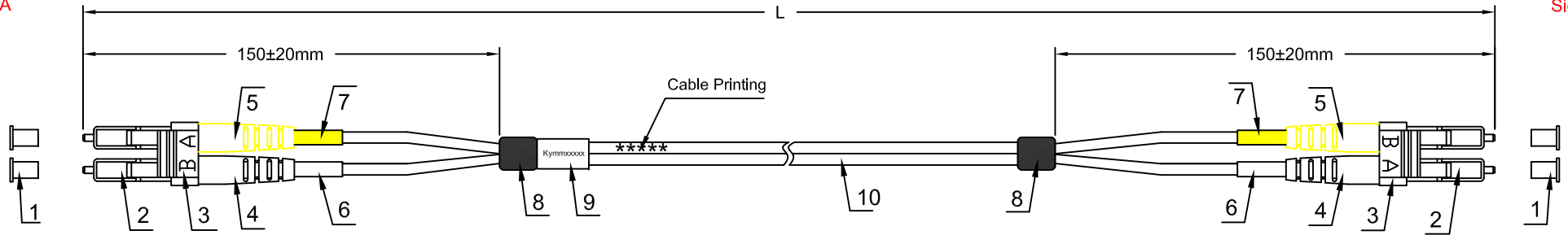


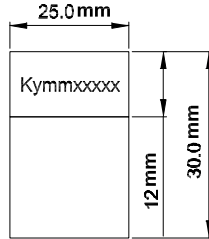
Side:A

Side:B



PACKING:

ROUND CABLE METHOD SEE "DETAIL A"			
	BAG TYPE	QTY	LABEL
SMALL	POLYBAG	1 CABLE WITH TEST CARD	SEE "DETAIL B"



DETAIL B  
y: Year; mm: Month  
xxxxx: Serial Number

ASSEMBLY CONNECTIVITY	
Side:A- LC/UPC	Side:B- LC/UPC
A	B
B	A

**RL9001**

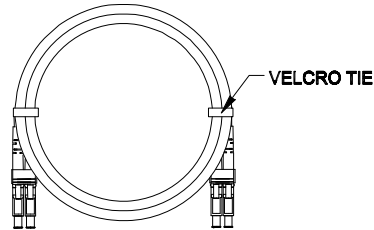
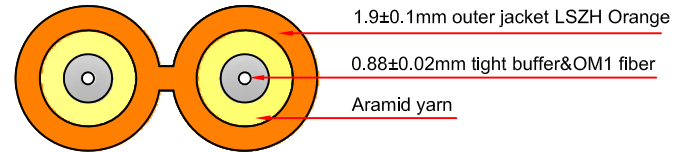
LC/UPC-LC/UPC duplex patchcord OM1 1M

IIC: 04015001-P0015774

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We advice to clean all the connector ferrules for optimal performance. You can find safety information at [www.act-connectivity.com/safety](http://www.act-connectivity.com/safety)  
[www.act-connectivity.com](http://www.act-connectivity.com)

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DETAIL C



DETAIL A

RoHS  
Compliant

Partnumber	Length	Tolerance	Partnumber	Length	Tolerance
RL9000	0.5M	0/+100mm	RL9010	10M	0/+100mm
RL9001	1M	0/+100mm	RL9015	15M	0/+100mm
RL9051	1.5M	0/+100mm	RL9020	20M	0/+100mm
RL9002	2M	0/+100mm	RL9025	25M	0/+100mm
RL9003	3M	0/+100mm	RL9030	30M	0/+150mm
RL9005	5M	0/+100mm	RL9050	50M	0/+250mm

LC/UPC --- LC/UPC duplex (1.9±0.1)*(4.0±0.2)mm OM1 LSZH Orange		
ITEM	Description	Q'TY
1	LC dust cover white	4 PCS
2	LC/UPC MM duplex connector beige	2 PCS
3	LC clip beige	2 PCS
4	LC short boot white L=19.5±0.5mm	2 PCS
5	LC short boot yellow L=19.5±0.5mm	2 PCS
6	LC heat-shrink tube white	2 PCS
7	LC heat-shrink tube yellow	2 PCS
8	Breakout heat-shrink tube black L=15mm	2 PCS
9	Cable lable	1 PC
10	OD=(1.9±0.1)*(4.0±0.2)mm duplex OM1 fiber optical cable LSZH Orange	1 PC

Designed by:		Audit:	
Date:	2021-06-23	Approve:	
Unit:	mm	Sheet:	A4
Drawing NO:	RL90xx LC/UPC-LC/UPC duplex patchcord OM1-V1		



## Product Specification

### Standard Compliances

1. ANSI/TIA-568.3-D.
2. ISO 11801 OM1 /IEC60793-2-10 type A1a.
3. Telcordia GR-326-CORE Issue 4 February 2010 Compliance.
4. RoHS Compliance for the Requirement of European Union Issued Directive 2011/6S/EU.

### Construction&Characteristics

Optical Performance	Insertion loss typical	0.15dB
	Insertion loss maximum	0.25dB
	Return loss	≥30dB
	Polish	UPC
Connector	Connector A side	IEC61754-20 LC connector
	Connector B side	IEC61754-20 LC connector
	Ferrule	Ceramic Zirconia (ZrO2)
Cable	Fiber class	OM1
	Fiber type	Multimode 62.5/125
	Cable type	(1.9±0.1)*(4.0±0.2)mm LSZH Orange
	Tensile strength	200N (short time 400N)
	Operation temp.	-20 °Cto +80 °C (5 cycles)
	Vibration	10 to 55 Hz 15mm double amplitude
Marking	ACT Premium Multimode Fiber Optic Patch cable 62.5/125µm,OM1,LSZH xxxM	

### 100% tested and approved

1. ACT advices to clean every connector ferrule before usage to get optimal performance.
2. Always leave the dust caps on if the cable isn't installed.